

## Abstract of the Disclosure

Process for the production on metal or plastic surfaces of thin, hydrolysis-resistant, scratch-resistant and stain-resistant coatings, wherein the coating material can be applied directly to the cleaned metal surface and subsequently cross-linked by high-energy radiation, in particular UV radiation. The substrates can be coated in the form of strip and only subsequently brought into the required external shape. Coated substrates such as these are no longer susceptible to staining by food, cleaning agents or fingerprints and can also be rendered antibacterial. Objects coated in this manner are thus suitable for use in architecture, for interior fittings of buildings, in furniture-making as well as for ornamental applications, and in particular in households, in sanitary applications, in hospitals and in the food-processing and pharmaceutical industries.